

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A computer system comprising at least a first application system and a second application system and a database system, each application system running at least one application service for at least one application system user; said computer system characterized in that:

the database system has at least a first memory portion and a second memory portion, wherein the memory portions are disjunctive;

the database system stores ~~at least a first assignment of a first predetermined~~ profile to the first memory portion and ~~at least a second assignment of a second predetermined~~ profile to the second memory portion, wherein the first ~~and second~~ profiles are unique and refer to the first and second application systems, respectively profile is uniquely associated with only the first memory portion and the first application system and the second profile is uniquely associated with only the second memory portion and the second application system;

~~each of the first and second application systems system and the second application system access~~ each of the first and second application systems accessing the first memory portion and the second memory portion, respectively, through the corresponding profiles.

2. (Previously presented) The computer system of claim 1, wherein the memory portions store tables of the database system.

3. (Previously presented) The computer system of claim 1, wherein the database system is a parallel server system.

4. (Previously presented) The computer system of claim 1, wherein the database system is a relational database system.

5. (Previously presented) The computer system of claim 1, wherein the database system uses shared memory processors.

6. (Previously presented) The computer system of claim 5, wherein the database system uses an operating system that creates multiple logical groups of processors.

7. (Previously presented) The computer system of claim 6, wherein each group of processors is assigned to one application system.

8–20. (Cancelled)

21. (Currently Amended) A computer-implemented method for accessing ~~communication with~~ a database system, the method comprising the steps:

providing at least a first application system and a second application system, wherein each application system runs at least one application service for a plurality of users of the application system;

connecting the database system with at least the first application system and the second application system;

dividing a memory of the database system into at least a first memory portion and a second memory portion, both portions being disjunctive;

assigning first and second memory portions to first and second application systems, respectively, using at least two predefined, unique profiles, a first profile uniquely associated with only the first memory portion and the first application system and a second profile uniquely associated with only the second memory portion and the second application system; and

accessing first and second memory portions by the first and second application systems based on the first and second profiles, respectively.

22. (Currently Amended) The computer-implemented method of claim 21, wherein in the dividing step, the memory portions store tables of the database system.

23. (Currently Amended) The computer-implemented method of claim 21, wherein in the assigning step, one of the at least two predefined, unique profiles of the database is assigned to each memory portion.

24. (Currently Amended) The computer-implemented method of claim 23, wherein in the assigning step, each predefined unique profile is assigned to one of the application systems.

25. (Currently Amended) The computer-implemented method of claim 24, wherein in the accessing step, each application system accesses the database system through at least one of the predefined profiles that are assigned to the application system.

26. (Currently Amended) The computer-implemented method of claim 21, wherein in the accessing step, accessing is selected from the group of read, write, copy, modify, insert, append and delete.

27-28. (Canceled).

29. (Currently Amended) A computer-readable medium storing a computer program product thereon ~~causing a plurality of processors to provide an application-system to database system assignment scheme~~, the computer program product characterized in that:

a first program portion causes a processor of a database system to disjunctively partition a memory of the database system into a first memory portion and ~~at least~~ a second memory portion and to provide a first database profile and ~~at least~~ a second database profile, wherein the first ~~and second profiles are unique and are assigned to the first and second memory portions, respectively~~ profile is uniquely associated with only the first memory portion and a first application system and the second profile is uniquely associated with only the second memory portion and a second application system;

a second program portion causes a processor of a the first application system to provide ~~at least~~ a first business application service to a first plurality of application users and to use at least the first database profile to communicate data from the first application system to the database system; and

~~at least~~ a third program portion causes a processor of ~~at least a~~ the second application system to provide ~~at least~~ a second business application service to a second

plurality of application users and to use at least the second database profile to communicate data from the second application system to the database system.

30. (Currently Amended) A computer-readable medium storing a computer program product for causing a processor in a computer of an application system that executes at least one business application service to communicate with a database computer, the computer program product characterized in that it causes the processor to communicate with the database computer by using a unique profile that is assigned to the application system, the database computer having a memory logically partitioned into a first portion and ~~at least~~ a second portion, the portions being disjunctive, so that the first portion is reserved for data of the application system and the second portion is reserved for data of ~~at least one~~ a further application system that is run by a further computer.

31. (Currently Amended) A computer-readable medium having a plurality of sequences of instructions stored thereon which, when executed by one or more processors, perform the steps of:

causing a processor of a database system to disjunctively partition a memory of the database system into a first memory portion and ~~at least~~ a second memory portion and to provide a first database profile and ~~at least~~ a second database profile, where the first and second profiles are unique and are each uniquely assigned to one of the first and second memory portions, respectively;

causing a processor of a first application system to provide at least a first business application service to a first plurality of application users and to use at least

the first database profile to communicate data from the first application system to the database system; and

causing a processor of at least a second application system to provide at least a second business application service to a second plurality of application users and to use at least the second database profile to communicate data from the second application system to the database system.